```
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ******** HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog ********
ENTER PASSWORD:
 ******** HHHHHHHH SSSSSSSS?  ********
Welcome to DIALOG

### Status: Login successfulDialog level 05.20.01D

Last logoff:  21dec07 14:10:24
Logon file405 23jan08 10:56:52
            *** ANNOUNCEMENTS ***
                      ***
***The 2008 EMTREE Thesaurus has been added to EMBASE (Files 72, 73,
772, and 972)

NEW FILES RELEASED
***Trademarkscan - South Korea (File 655)

RESUMED UPDATING
***File 154 & F155, MEDLINE
***File 156, ToxFile
                      ***
RELOADS COMPLETED
***Files 72 & 73, EMBASE
***Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now online
                                ***
NEWS
Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus
(File 302).
                      ***
 >>>For the latest news about Dialog products, services, content<<<
 >>>and events, please visit What's New from Dialog at <<<
 >>>http://www.dialog.com/whatsnew/.  You can find news about<<<
 >>>a specific database by entering HELP NEWS <file number>.<<<
* * *
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.8.0 term=ASCII
                     *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1.  Announcements (new files, reloads, etc.)
  2.  Database, Rates, & Command Descriptions
  3.  Help in Choosing Databases for Your Topic
  4.  Customer Services (telephone assistance, training, seminars, etc.)
  5.  Product Descriptions

 Connections:
  6.  DIALOG(R) Document Delivery
  7.  Data Star(R)
```

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      /H = Help            /L = Logoff          /NOMENU = Command Mode


Enter an option number to view information or to connect to an online
 service.  Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
?
Terminal set to DLINK
                      *** DIALOG HOMEBASE(SM) Main Menu ***

 Information:
  1.  Announcements (new files, reloads, etc.)
  2.  Database, Rates, & Command Descriptions
  3.  Help in Choosing Databases for Your Topic
  4.  Customer Services (telephone assistance, training, seminars, etc.)
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      /H = Help            /L = Logoff          /NOMENU = Command Mode


Enter an option number to view information or to connect to an online
 service.  Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? b biosci

>>>          44 is unauthorized
>>>          76 is unauthorized
>>>2 of the specified files are not available
       23jan08 10:57:01 User276653 Session D136.1
            $0.00    0.267 DialUnits FileHomeBase
     $0.00  Estimated cost FileHomeBase
     $0.03  TELNET
     $0.03  Estimated cost this search
     $0.03  Estimated total session cost   0.267 DialUnits


SYSTEM:OS  - DIALOG OneSearch
  File   5:Biosis Previews(R) 1926-2008/Jan W3
         (c) 2008 The Thomson Corporation
  File  24:CSA Life Sciences Abstracts 1966-2007/Aug
         (c) 2007 CSA.
  File  28:Oceanic Abstracts 1966-2007/Oct
         (c) 2007 CSA.
  File  34:SciSearch(R) Cited Ref Sci 1990-2008/Jan W2
         (c) 2008 The Thomson Corp
  File  35:Dissertation Abs Online 1861-2007/Oct
         (c) 2007 ProQuest Info&Learning
  File  40:Enviroline(R) 1975-2008/Jan
         (c) 2008 Congressional Information Service
```

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  File  41:Pollution Abstracts 1966-2007/Sep
        (c) 2007 CSA.
  File  45:EMCare 2008/Jan W2
        (c) 2008 Elsevier B.V.
  File  50:CAB Abstracts 1972-2008/Dec
        (c) 2008 CAB International
  File  65:Inside Conferences 1993-2008/Jan 21
        (c) 2008 BLDSC all rts. reserv.
  File  71:ELSEVIER BIOBASE 1994-2008/Jan W3
        (c) 2008 Elsevier B.V.
  File  73:EMBASE 1974-2008/Jan 23
        (c) 2008 Elsevier B.V.
*File  73: The 2008 EMTREE Thesaurus has been loaded. Please see
HELP NEWS 72 for details.
  File  91:MANTIS(TM) 1880-2007/Apr
        2001 (c) Action Potential
*File  91: This database has stopped updating temporarily. Please see
HELP NEWS 91 for details.
  File  98:General Sci Abs 1984-2007/Dec
        (c) 2007 The HW Wilson Co.
  File 110:WasteInfo 1974-2002/Jul
        (c)  2002 AEA Techn Env.
*File 110: This file is closed (no updates)
  File 135:NewsRx Weekly Reports 1995-2008/Jan W2
        (c) 2008 NewsRx
  File 136:BioEngineering Abstracts 1966-2007/Jan
        (c) 2007 CSA.
  File 143:Biol. & Agric. Index 1983-2008/Dec
        (c) 2008 The HW Wilson Co
  File 144:Pascal 1973-2008/Jan W2
        (c) 2008 INIST/CNRS
  File 155:MEDLINE(R) 1950-2008/Jan 21
        (c) format only 2008 Dialog
*File 155: MEDLINE has resumed updating. Please see HELP NEWS 154
for details.
  File 164:Allied & Complementary Medicine 1984-2008/Jan
        (c) 2008 BLHCIS
  File 172:EMBASE Alert 2008/Jan 01
        (c) 2008 Elsevier B.V.
  File 185:Zoological Record Online(R) 1864-2008/Feb
        (c) 2008 The Thomson Corp.
*File 185: The file has been reloaded to add archive records back to
1864. Accession numbers have changed.
  File 357:Derwent Biotech Res. _1982-2008/Dec W4
        (c) 2008 The Thomson Corp.
  File 369:New Scientist 1994-2007/Sep W4
        (c) 2007 Reed Business Information Ltd.
  File 370:Science 1996-1999/Jul W3
        (c) 1999 AAAS
*File 370: This file is closed (no updates). Use File 47 for more current
information.
  File 391:Beilstein Database - Reactions 2007/Q3
        (c) 2007 Beilstein GmbH
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
        (c) 2006 The Thomson Corp
  File 467:ExtraMED(tm) 2000/Dec
        (c) 2001 Informania Ltd.
```

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      Set  Items  Description
      ---  -----  -----------
? s fibronectin
      S1  160304  FIBRONECTIN
? s s1 and precipitat?
          160304  S1
          725879  PRECIPITAT?
      S2    1379  S1 AND PRECIPITAT?
? s s2 and factor
            1379  S2
         6388201  FACTOR
      S3     327  S2 AND FACTOR
? s s2 and bovine(n)blood(n)serum
Processing
Processed  20 of  29 files ...
Completed processing all files
            1379  S2
          987825  BOVINE
         9978439  BLOOD
         3250973  SERUM
             342  BOVINE(N)BLOOD(N)SERUM
      S4       2  S2 AND BOVINE(N)BLOOD(N)SERUM
? t s4/9,k/1-2

 4/9,K/1     (Item 1 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
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07313370   BIOSIS NO.: 198478048777
A SIMPLE AND EFFECTIVE ADDITIONAL STEP IN PURIFICATION OF  BOVINE   BLOOD
  SERUM   FIBRONECTIN
AUTHOR: ZYKOVA T A (Reprint); ZLATOPOL'SKII A D; MAZUROV V I
AUTHOR ADDRESS: INST BIOL MED CHEM, ACAD MED SCI USSR, MOSCOW, USSR**USSR
JOURNAL: Voprosy Meditsinskoi Khimii  25 (5): p114-117 1983
ISSN: 0042-8809
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: RUSSIAN

ABSTRACT: Preparations of  fibronectin  from  bovine   blood   serum ,
  obtained by means of affinity chromatography on collagen-Sepharose,
  contained Ig and other proteins, concentration of which constituted 48
  .+-. 5%. Differential salting out of  fibronectin  and other non-
  fibronectin  proteins, using 0.8-2.0 M ammonium sulfate at pH 5.0,
  demonstrated that  precipitation  of  fibronectin  occurred more
  effectively as compared with non- fibronectin  proteins at all the salt
  concentrations studied. If 0.8 M or 1.0 M ammonium sulfate concentrations
  were used, the  fibronectin  preparations contained < 10% of other
  proteins and  fibronectin  loss was about 20%. Salting out of
  fibronectin  is an effective additional step of its purification.

REGISTRY NUMBERS: 7783-20-2: AMMONIUM SULFATE
DESCRIPTORS: AMMONIUM SULFATE IMMUNO GLOBULIN/
DESCRIPTORS:
  MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Blood and
    Lymphatics--Transport and Circulation
```

BIOSYSTEMATIC NAMES: Bovidae--Artiodactyla, Mammalia, Vertebrata, Chordata, Animalia
COMMON TAXONOMIC TERMS: Animals; Artiodactyls; Chordates; Mammals; Nonhuman Vertebrates; Nonhuman Mammals; Vertebrates
CHEMICALS & BIOCHEMICALS: AMMONIUM SULFATE
CONCEPT CODES:
10054 Biochemistry methods - Proteins, peptides and amino acids
10058 Biochemistry methods - Carbohydrates
10064 Biochemistry studies - Proteins, peptides and amino acids
10068 Biochemistry studies - Carbohydrates
10506 Biophysics - Molecular properties and macromolecules
15001 Blood - General and methods
15002 Blood - Blood and lymph studies
34502 Immunology - General and methods
BIOSYSTEMATIC CODES:
85715 Bovidae

A SIMPLE AND EFFECTIVE ADDITIONAL STEP IN PURIFICATION OF BOVINE BLOOD SERUM FIBRONECTIN

ABSTRACT: Preparations of **fibronectin** from **bovine blood serum** , obtained by means of affinity chromatography on collagen-Sepharose, contained Ig and other proteins, concentration of which constituted 48 .+-. 5%. Differential salting out of **fibronectin** and other non-**fibronectin** proteins, using 0.8-2.0 M ammonium sulfate at pH 5.0, demonstrated that **precipitation** of **fibronectin** occurred more effectively as compared with non- **fibronectin** proteins at all the salt concentrations studied. If 0.8 M or 1.0 M ammonium sulfate concentrations were used, the **fibronectin** preparations contained < 10% of other proteins and **fibronectin** loss was about 20%. Salting out of **fibronectin** is an effective additional step of its purification.

4/9,K/2 (Item 1 from file: 155)

06266345 PMID: 6649521
[A simple and effective step in the purification of bovine blood fibronectin **]**
Prostoi i effektivnyi dopolnitel'nyi etap ochistki fibronektina syvorotki byka.
Zykova T A; Zlatopol'skii A D; Mazurov V I
Voprosy medit sinskoi khimii (USSR) Sep-Oct 1983, 29 (5) p114-7,
ISSN 0042-8809--Print Journal Code: 0416601
Publishing Model Print
Document type: English Abstract; Journal Article
Languages: RUSSIAN
Main Citation Owner: NLM
Record type: MEDLINE; Completed
Subfile: INDEX MEDICUS
Preparations of **fibronectin** from **bovine blood serum** , obtained by means of affinity chromatography on collagen-Sepharose, contained immunoglobulins and other proteins, concentration of which constituted 48 +/- 5%. Differential salting out of **fibronectin** and other non-**fibronectin** proteins, using 0.8-2.0 M ammonium sulfate at pH 5.0, demonstrated that **precipitation** of **fibronectin** occurred more

effectively as compared with non- **fibronectin** proteins at all the salt concentrations studied. If 0.8 M or 1.0 M ammonium sulfate concentrations were used, the **fibronectin** preparations contained less than 10% of other proteins and **fibronectin** loss was about 20%. Salting out of **fibronectin** is an effective additional step of its purification.

Descriptors: *Fibronectins--blood--BL; Animals; Cattle; Chromatography, Affinity--methods--MT; Collagen; Fibronectins--isolation and purification --IP; Osmolar Concentration; Sepharose--analogs and derivatives--AA

CAS Registry No.: 0 (Fibronectins); 9007-34-5 (Collagen); 9012-36-6 (Sepharose)

Record Date Created: 19840107

Record Date Completed: 19840107

[A simple and effective step in the purification of bovine blood fibronectin **]**

Preparations of **fibronectin** from **bovine blood serum** , obtained by means of affinity chromatography on collagen-Sepharose, contained immunoglobulins and other proteins, concentration of which constituted 48 +/- 5%. Differential salting out of **fibronectin** and other non- **fibronectin** proteins, using 0.8-2.0 M ammonium sulfate at pH 5.0, demonstrated that **precipitation** of **fibronectin** occurred more effectively as compared with non- **fibronectin** proteins at all the salt concentrations studied. If 0.8 M or 1.0 M ammonium sulfate concentrations were used, the **fibronectin** preparations contained less than 10% of other proteins and **fibronectin** loss was about 20%. Salting out of **fibronectin** is an effective additional step of its purification.

```
? s s3 and purif?
             327  S3
         2431983  PURIF?
      S5     105  S3 AND PURIF?
? s s5 and von(n)willebrand
             105  S5
          885803  VON
           70180  WILLEBRAND
           68687  VON(N)WILLEBRAND
      S6      22  S5 AND VON(N)WILLEBRAND
? s s5 and coagulation
             105  S5
          380553  COAGULATION
      S7      12  S5 AND COAGULATION
? t s7/6,k/1-12
```

7/6,K/1 (Item 1 from file: 5)

DIALOG(R)File 5:(c) 2008 The Thomson Corporation. All rts. reserv.

14475793 BIOSIS NO.: 199800270040

Enzymatic and kinetic properties of blood coagulation factor **XIIIa and guinea pig liver transglutaminase utilizing (6-(N-(4-aminobutyl)-N-ethylamino)-2,3-dihydrophthalazine-1,4-dione, as a novel, specific and sensitive chemiluminescent substrate**

1998

Enzymatic and kinetic properties of blood coagulation factor **XIIIa and guinea pig liver transglutaminase utilizing (6-(N-(4-aminobutyl)-N-ethylamino)-2,3...**

...ABSTRACT: novel and sensitive chemiluminescent assay is described to

quantitate the acyl transfer activities of blood **coagulation factor** XIIIa or liver transglutaminase using aminobutyl-N-ethylisoluminol as acyl acceptor and N,N-dimethylcasein, human plasma fibrinogen or **fibronectin** as acyl donors. The method involved covalently linking aminobutyl-N-ethyl-isoluminol through its free...

...protein-bound glutamine resulting in an isopeptide bond; a reaction catalysed by both transglutaminase and **factor** XIIIa. The protein-bound aminobutyl-N-ethyl-isoluminol was separated from non-conjugated amine by **precipitation** with trichloroacetic acid. The protein-amine conjugate was dissolved in 500 mmol/L NaOH, oxidized...

...ammonium persulphate and light emission quantitated using a luminometer. Optimal conditions were established to detect **factor** XIIIa and transglutaminase activities with the chemiluminescent assay. Specificity was demonstrated by lack of activity in the presence of ethylenediamine tetra-acetic acid or unactivated **factor** XIII, or boiled enzymes, and by competitive inhibition with putrescine and 5'-(biotinamido) pentylamine. The enzymatic and kinetic properties of **factor** XIIIa and transglutaminase in utilizing aminobutyl-N-ethyl-isoluminol as an acyl acceptor substrate were comprehensively documented. The reaction could be carried out in either a **purified** system or a complex plasma or cell lysates milieu. The assay is sensitive, specific, and...
DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: **... factor** XIIIa
MISCELLANEOUS TERMS: blood **coagulation**

7/6,K/2 (Item 2 from file: 5)

09326998 BIOSIS NO.: 198936035889
PURIFICATION **OF BLOOD** COAGULATION FACTOR **VIII BY** PRECIPITATION **WITH SULFATE POLYSACCHARIDES US PATENT-4789733. DECEMBER 6 1988**
1988

PURIFICATION **OF BLOOD** COAGULATION FACTOR **VIII BY** PRECIPITATION **WITH SULFATE POLYSACCHARIDES US PATENT-4789733. DECEMBER 6 1988**
...REGISTRY NUMBERS: **FACTOR** VIII...

... **FACTOR** VIII...

... **FACTOR** VIII
DESCRIPTORS: USCL-530-383 FIBRINOGEN **FIBRONECTIN** SUPERNATANT TEMPERATURE
DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: **FACTOR** VIII...

... **FACTOR** VIII...

... **FACTOR** VIII

7/6,K/3 (Item 3 from file: 5)

07700943 BIOSIS NO.: 198580009838
COAGULATION **PROTEINS SHOWING ABNORMAL ELECTROPHORETIC MOBILITY IN**

COMMERCIAL CONCENTRATES OF FACTOR **-VIII AND PROTHROMBIN COMPLEX**
1984

COAGULATION **PROTEINS SHOWING ABNORMAL ELECTROPHORETIC MOBILITY IN COMMERCIAL CONCENTRATES OF** FACTOR **-VIII AND PROTHROMBIN COMPLEX**

ABSTRACT: Five commercial **factor** VIII (FVIII) concentrates and 3 prothrombin complex concentrates (PCC) were studied with reference to the qualitative evaluation of factors II, IX, **fibronectin** , .alpha.2-antiplasmin (.alpha.2-AP), antithrombin III (AT-III) and subunits A and S of FXIII by crossed-immunoelectrophoresis (CIE) and von Willebrand **factor** antigen (vWF:Ag) by radio-CIE. This latter protein had a different pattern with the absence or a decrease of larger forms and the presence of a fast-moving **precipitating** peak, suggesting degradation of the vWF:Ag in FVIII concentrates. The electrophoretic mobility of **fibronectin** , .alpha.2-AP and AT-III was normal. AII PCC showed a more anodic mobility of **factor** IX. .alpha.2-AP also exhibited a different electrophoretic pattern to that of normal plasma...
...of AT-III was also found in heparin-binding studies. The techniques used in the **purification** procedures are probably the mechanism responsible for the partial denaturing of these proteins.
...REGISTRY NUMBERS: **FACTOR** -VIII...

... **FACTOR** -VIII...

... **FACTOR** -VIII...

... **FACTOR** -IX...

... **FACTOR** -XIII...

... **FACTOR** -II...

... **FACTOR** -II
DESCRIPTORS: HUMAN HEMATOLOGIC-DRUG **FACTOR** -IX ALPHA-2 ANTIPLASMIN **FACTOR** -XIII **FACTOR** -II ANTITHROMBIN III **FIBRONECTIN**
DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: **FACTOR** -VIII...

... **FACTOR** -VIII...
... **FACTOR** -VIII...

... **FACTOR** -IX...

... **FACTOR** -XIII...

... **FACTOR** -II...

... **FACTOR** -II

7/6,K/4 (Item 1 from file: 34)
DIALOG(R)File 34:(c) 2008 The Thomson Corp. All rts. reserv.

06697763 Genuine Article#: ZL472 Number of References: 23
Title: Enzymatic and kinetic properties of blood coagulation factor **XIIIa and guinea pig liver transglutaminase utilizing**

(6-[N-(4-aminobutyl)-N-ethylamino]-2,3-dihydrophthalazine-1,4-dione, as a novel, specific and sensitive chemiluminescent substrate (ABSTRACT AVAILABLE)
Publication date: 19980100

Title: Enzymatic and kinetic properties of blood coagulation factor **XIIIa and guinea pig liver transglutaminase utilizing (6-[N-(4-aminobutyl)-N-ethylamino]-2,3...**
...Abstract: novel and sensitive chemiluminescent assay is described to quantitate the acyl transfer activities of blood **coagulation factor** XIIIa or liver transglutaminase using aminobutyl-N-ethyl-isoluminol as acyl acceptor and N,N-dimethylcasein, human plasma fibrinogen or **fibronectin** as acyl donors. Th a method involved covalently linking aminobutyl-N-ethyl-isoluminol through its...

...protein-bound glutamine resulting in an isopeptide bond; a reaction catalysed by both transglutaminase and **factor** XIIIa. The protein-bound aminobutyl-N-ethyl-isoluminol was separated from non-conjugated amine by **precipitation** with trichloroacetic acid. The protein-amine conjugate was dissolved in 500 mmol/L NaOH, oxidized...

...ammonium persulphate and light emission quantitated using a luminometer. Optimal conditions were established to detect **factor** XIIIa and transglutaminase activities with the chemiluminescent essay. Specificity was demonstrated by lack of activity in the presence of ethylenediamine tetra-acetic acid or unactivated **factor** XIII, or boiled enzymes, and by competitive inhibition with putrescine and 5'-(biotinamido) pentylamine. The enzymatic and kinetic properties of **factor** XIIIa and transglutaminase in utilizing aminobutyl-N-ethyl-isoluminol as an acyl acceptor substrate were comprehensively documented. The reaction could be carried out in either a **purified** system or a complex plasma or cell lysates milieu. The assay is sensitive, specific, and...
...Identifiers--TRANSAMIDATING ENZYMES; CHEMI-LUMINESCENT; ASSAY; **PURIFICATION**; PROTEIN; TISSUES; LUMINOL; SITE

7/6,K/5 (Item 1 from file: 73)

0072901687 EMBASE No: 1985107103
Coagulation **proteins showing abnormal electrophoretic mobility in commercial concentrates of** factor **VIII and prothrombin complex**
December 1, 1984

Coagulation **proteins showing abnormal electrophoretic mobility in commercial concentrates of** factor **VIII and prothrombin complex**

Five commercial **factor** VIII (FVIII) concentrates and three prothrombin complex concentrates (PCC) were studied with reference to the qualitative evaluation of factors II, IX, **fibronectin** , alpha SUB 2-antiplasmin (alpha SUB 2-AP), antithrombin III (AT-III) and subunits A and S of FXIII by crossed-immunoelectrophoresis (CIE) and von Willebrand **factor** antigen (vWF:Ag) by radio-CIE. This latter protein had a different pattern with the absence or a decrease of larger forms and the presence of a fast-moving **precipitating** peak, suggesting degradation of the vWF:Ag in FVIII concentrates. In contrast, the electrophoretic mobility of **fibronectin** ,

alpha SUB 2-AP and AT-III was normal. All PCC showed a more anodic mobility of **factor** IX. alpha SUB 2-AP also exhibited a different electrophoretic pattern to that of normal...
...of AT-III was also found in heparin-binding studies. The techniques used in the **purification** procedures are probably the mechanism responsible for the partial denaturing of these proteins.
DRUG DESCRIPTORS:
*blood clotting **factor** 8; *blood clotting **factor** 8 concentrate; * prothrombin; *prothrombin complex
CAS REGISTRY NO.: 9001-27-8 (blood clotting **factor** 8); 37224-63-8 (prothrombin complex); 9001-26-7 (prothrombin)

7/6,K/6 (Item 1 from file: 155)

11789238 PMID: 9608360
Enzymatic and kinetic properties of blood coagulation factor **XIIIa and guinea pig liver transglutaminase utilizing (6-[N-(4-aminobutyl)-N-ethy lamino]-2,3-dihydrophthalazine-1,4-dione, as a novel, specific and sensitive chemiluminescent substrate.**
Jan-Feb 1998

Enzymatic and kinetic properties of blood coagulation factor **XIIIa and guinea pig liver transglutaminase utilizing (6-[N-(4-aminobutyl)-N-ethy lamino]-2,3...**
... novel and sensitive chemiluminescent assay is described to quantitate the acyl transfer activities of blood **coagulation factor** XIIIa or liver transglutaminase using aminobutyl-N-ethylisoluminol as acyl acceptor and N,N-dimethylcasein, human plasma fibrinogen or **fibronectin** as acyl donors. The method involved covalently linking aminobutyl-N-ethyl-isolumino l through its free...

... protein-bound glutamine resulting in an isopeptide bond; a reaction catalysed by both transglutaminase and **factor** XIIIa. The protein-bound aminobutyl-N-ethyl-isoluminol was separated from non-conjugated amine by **precipitation** with trichloroacetic acid. The protein-amine conjugate was dissolved in 500 mmol/L NaOH, oxidized...

...ammonium persulphate and light emission quantitated using a luminometer. Optimal conditions were established to detect **factor** XIIIa and transglutaminase activities with the chemiluminescent assay. Specificity was demonstrated by lack of activity in the presence of ethylenediamine tetra-acetic acid or unactivated **factor** XIII, or boiled enzymes, and by competitive inhibition with putrescine and 5'-(biotinamido) pentylamine. The enzymatic and kinetic properties of **factor** XIIIa and transglutaminase in utilizing aminobutyl-N-ethyl-isoluminol as an acyl acceptor substrate were comprehensively documented. The reaction could be carried out in either a **purified** system or a complex plasma or cell lysates milieu. The assay is sensitive, specific, and...

7/6,K/7 (Item 2 from file: 155)

08924152 PMID: 1858340
[Production of a fibrinogen concentrate from small amounts of human

autologous blood plasma and its short-term characteristics]
Poluchenie kontsentrata fibrinogena iz nebol'shikh kolichestv plazmy autogennoi krovi cheloveka i ego kratkaia kharakteristika.
Jan-Feb 1991

... was developed for production of fibrinogen concentrate from small amounts of human autogenous blood using **precipitation** with polyethylene glycol and ammonium sulfate. Maximal yield of fibrinogen was obtained using polyethylene glycol...

... and 6,000 daltons at concentrations 7% and 4.5%, respectively. The fibrinogen preparations included **fibronectin** , inhibitors of proteinases, **factor** XIII of blood **coagulation** , plasminogen. Sigma-Aminocapronic acid and contrical should be added during bloodletting as well as into...
Descriptors: *Blood; *Fibrinogen--isolation and **purification** --IP; Electrophoresis, Polyacrylamide Gel; **Factor** XIII--chemistry--CH; Fibrinogen--analysis--AN; Fibronectins--analysis--AN; Humans; Plasminogen --analysis--AN; Polyethylene Glycols...
Chemical Name: Fibronectins; Polyethylene Glycols; Protease Inhibitors; Fibrinogen; Plasminogen; **Factor** XIII

7/6,K/8 (Item 3 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

06712389 PMID: 3922084
The role of fibronectin **in** factor **VIII/von Willebrand** factor **cryoprecipitation.**
Mar 15 1985

The role of fibronectin **in** factor **VIII/von Willebrand** factor **cryoprecipitation.**
To evaluate the role of **fibronectin** (Fn) in **factor** VIII (FVIII) and von Willebrand **factor** (vWf) cryoprecipitation, **factor** VIII procoagulant activity, **factor** VIII coagulant antigen, **factor** VIII-related antigen and von Willebrand ristocetin cofactor activity were measured in cryoprecipitate and cryosupernatant...

...antibodies behaved differently: although their cryoprecipitate contained normal fibrinogen levels, neither FVIII nor FvWf was **precipitated** . Experiments performed with Fn-depleted plasma to which **purified fibronectin** had been added, and samples of plasma with decreased Fn levels (0.01 to 0...
Descriptors: *Blood **Coagulation** Factors--isolation and **purification** --IP; * **Factor** VIII--isolation and **purification** --IP; *Fibronectins --blood--BL; *von Willebrand **Factor** --isolation and **purification** --IP; Freezing; Humans; **Precipitation**
Chemical Name: Blood **Coagulation** Factors; Fibronectins; von Willebrand **Factor** ; **Factor** VIII

7/6,K/9 (Item 4 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

06630779 PMID: 6442908
Coagulation **proteins showing abnormal electrophoretic mobility in commercial concentrates of** factor **VIII and prothrombin complex.**

1984

Coagulation **proteins showing abnormal electrophoretic mobility in commercial concentrates of** factor **VIII and prothrombin complex.**
Five commercial **factor** VIII (FVIII) concentrates and three prothrombin complex concentrates (PCC) were studied with reference to the qualitative evaluation of factors II, IX, **fibronectin** , alpha 2-antiplasmin (alpha 2-AP), antithrombin III (AT-III) and subunits A and S of FXIII by crossed-immunoelectrophoresis (CIE) and von Willebrand **factor** antigen (vWF:Ag) by radio-CIE. This latter protein had a different pattern with the absence or a decrease of larger forms and the presence of a fast-moving **precipitating** peak, suggesting degradation of the vWF:Ag in FVIII concentrates. In contrast, the electrophoretic mobility of **fibronectin** , alpha 2-AP and AT-III was normal. All PCC showed a more anodic mobility of **factor** IX. alpha 2-AP also exhibited a different electrophoretic pattern to that of normal plasma...

...of AT-III was also found in heparin-binding studies. The techniques used in the **purification** procedures are probably the mechanism responsible for the partial denaturing of these proteins.
Descriptors: *Blood **Coagulation** Factors--analysis--AN; * **Factor** VIII --analysis--AN; Antithrombin III--analysis--AN; Blood **Coagulation** Factors --isolation and **purification** --IP; Blood **Coagulation** Factors--standards --ST; Blood Protein Electrophoresis; Counterimmunoelectrophoresis; Drug Contamination; **Factor** VIII--isolation and **purification** --IP; **Factor** VIII--standards--ST; Fibronectins--analysis--AN; Humans; Protein Denaturation
Chemical Name: Blood **Coagulation** Factors; Fibronectins; prothrombin complex concentrates; Antithrombin III; **Factor** VIII

7/6,K/10 (Item 5 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

06555871 PMID: 6437941
Isolation of small molecular forms of Factor **VIII/von Willebrand** factor **from plasma.**
1984

Isolation of small molecular forms of Factor **VIII/von Willebrand** factor **from plasma.**
Cryoprecipitated **factor** VIII/von Willebrand **factor** (FVIII/vWF), freed of fibrinogen by clotting with calcium and Defibrase, was chromatographed on Sepharose...

... forms of FVIII/vWF comprised coprecipitated plasma proteins of similar molecular weights. The major contaminants, **fibronectin** and IgM, were removed by affinity chromatography on gelatin- and anti-IgM-agarose, respectively. Finally...
Descriptors: *Blood **Coagulation** Factors--isolation and **purification** --IP; * **Factor** VIII--isolation and **purification** --IP; *von Willebrand **Factor** --isolation and **purification** --IP; Chromatography--methods--MT; Cold; Humans; Molecular Weight; **Precipitation**
Chemical Name: Blood **Coagulation** Factors; von Willebrand **Factor** ; **Factor** VIII

7/6,K/11 (Item 6 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

06237133 PMID: 6415800
[Plasma fibronectin **]**
La fibronectine plasmatique.
Jun 1983

[Plasma fibronectin **]**
Fibronectin (FN) is a glycoprotein (disulfite-bonded dimer of 200 to 220 Kd submits) found in...

... like collagen, proteoglycans... FN fundamentally forms molecular complexes with collagen, fibrinogen or fibrin, heparin, activated **factor** XIII, bacteria, cellular membranes..., these various proteins binding with now well known functional "domains" on...

...also interacts with hemostatic and fibrinolytic systems, as component of the subendothelium (secreted, like Willbrand **factor** , by endothelial cells) and of platelet alpha-granules released by stimulated platelets. FN could then provoke platelet spreading on the subendothelium surface after collagen-platelet adhesion, triggered by Willebrand **factor** , has happened. FN is a part of the fibrinous clot. It participates in anchorage of...
; Animals; Blood **Coagulation** ; Cell Adhesion; Cell Movement; Cell Transformation, Viral; Chemistry; Chromatography, Affinity; Collagen --metabolism--ME; **Factor** VIII--metabolism--ME; Fibrin--metabolism--ME; Fibrinogen--metabolism--ME; Fibroblasts--metabolism--ME; Fibronectins --analysis--AN; Fibronectins--isolation and **purification** --IP; Heparin --blood--BL; Humans; Molecular Weight; Opsonin Proteins; Peptide Hydrolases --pharmacology--PD; **Precipitation** ; Rats; Wound Healing
Chemical Name: Fibronectins; Opsonin Proteins; cryoprecipitate coagulum; **Factor** VIII; Fibrin; Fibrinogen; Heparin; Collagen; Peptide Hydrolases

7/6,K/12 (Item 1 from file: 357)
DIALOG(R)File 357:(c) 2008 The Thomson Corp. All rts. reserv.

0411605 DBR Accession No.: 2006-25101
Recombinant production of proteins comprises subjecting a suspension of the cells to a non-physiologically increased concentration of at least one ionic substance, e.g. amino acid, prior to harvest of protein - recombinant protein production via plasmid expression in cell culture for disease therapy 2006

...ABSTRACT: FIX, FIXa, FVII, FVIIa, FVIII, FVIIIa, FXI, FXIa, FXII, FXIIa, FXIII and FXIIIa, von Willebrand **fac**tor , transport proteins including albumin, transferrin, ceruloplasmin, haptoglobin, hemoglobin and hemopexin, protease inhibitors including beta-antithrombin, alpha-antithrombin, alpha2-macroglobulin, C1-inhibitor, tissue is **factor** pathway inhibitor (TFPI), heparin cofactor II, protein C inhibitor (PAI-3), Protein C and Protein...

... reactive protein and other proteins including histidine-rich glycoprotein, mannan binding lectin, C4-binding protein, **fibronectin** , GC-globulin, plasminogen, blood factors such as erythropoietin, Interferon, tumor factors, tPA, gCSF, or their derivatives and muteins, more preferably the plasma protein is a human **factor** VIII or a human

FIX protein or its mutein, even more preferably is a B-domain deleted **factor** VIII protein, most preferably is the **factor** VIII mutein having a sequence comprising 1459 amino acids (SEQ ID NOS: 4 or 6...

... magnetic fields and ultra filtration. The isolation of the protein from the medium and its **purification** is effected by using at least one technique selected from immuno-affinity chromatography, affinity chromatography, protein **precipitation** , buffer exchanges, ionic exchange chromatography, hydrophobic interaction chromatography, mixed mode hydrophobic/ion exchange chromatography media...

... chromatography, carbohydrate affinity like lectin or heparin affinity chromatography, size-exclusion chromatography, electrophoresis, dialysis, different **precipitation** agents such as polyethylene glycol, ammonium sulphate, ethanol, hydroxy apatite adsorption, filter membrane adsorption, ligands coupled to magnetic particles etc. The carrier used for the chromatography **purification** , is selected from resins, particles, beads, membranes, hollow fiber or similar. The isolation of the...

... ultra filtration. The method is performed under sterile conditions, where the medium and/or the **purified** protein is subjected to a virus inactivation and/or removal step, and/or where the...
... filtrate of the micro filtration system. Preferred Pharmaceutical Composition: The pharmaceutical composition comprises a blood **coagulation** **factor** , preferably a FVIII or FIX protein and is for treatment of hemophiliacs. ACTIVITY - Hemostatic. No...
DESCRIPTORS: recombinant fibrinogen protein, prothrombin, **Factor** -X, **Factor** -IX, **Factor** -VII, **Factor** -VIII, **Factor** -XI, **Factor** -XII, **Factor** -XIII, von Willebrand **factor** , transport protein prep., vector-mediated gene transfer expression in host cell, immortalized mammal cell continuous...

```
? s s6 and pH
          22  S6
     4138455  PH
      S8       4  S6 AND PH
? t s8/6,k/1-4
```

8/6,K/1 (Item 1 from file: 155)

13892079 PMID: 12186399

Comparative studies of a humanized anti-glycoprotein IIb/IIIa monoclonal antibody, YM337, and abciximab on in vitro antiplatelet effect and binding properties.

Aug 2002

... aggregation caused by all agonists tested except ristocetin. Further, both inhibited human platelet adhesion to **von** **Willebrand** **factor** , fibrinogen, **fibronectin** and subendothelial matrix with similar potency. Fibrinogen binding to washed platelets was dose-dependently inhibited...

... 700 +/- 3,000 for YM337 and 76,000 +/- 5,400 for abciximab. GPIIb/IIIa was **precipitated** from the solubilized fraction of platelets by both agents. In contrast, integrin alphavbeta3 was **precipitated** from the solubilized fraction of human umbilical vein endothelial cells by abciximab but not by YM337. Fibrinogen binding to **purified** GPIIb/IIIa was

dose-dependently inhibited by both agents. In contrast, vitronectin binding to **purified** integrin alphavbeta3 was dose-dependently inhibited by abciximab but not by YM337, supporting the idea...
...; Immunoglobulin Fab Fragments--metabolism--ME; Platelet Adhesiveness; Platelet Aggregation--drug effects--DE; Platelet Aggregation--physiology-- **PH** ; Platelet Aggregation Inhibitors--metabolism--ME; Platelet Glycoprotein GPIIb-IIIa Complex--antagonists and inhibitors--AI; Protein Binding--drug effects--DE; Protein Binding--physiology-- **PH**

8/6,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

08600770 PMID: 2119525
Development of a heat-treated factor **VIII/** von Willebrand factor **concentrate prepared from heparinized plasma.**
Jun 28 1990

Development of a heat-treated factor **VIII/** von Willebrand factor **concentrate prepared from heparinized plasma.**
A high yield, intermediate purity **factor** VIII concentrate derived from heparinized plasma has been developed which can be heat-treated at...

... which may be present. After cold reprecipitation of the heparinized cryoprecipitate (CRC), the resolubilized CRC **precipitate** was adjusted to 25-30 mg/ml protein and **pH** 6.35 +/- 0.1 and incubated for 1 h at 8 degrees C. After centrifugation to remove the **precipitated** fibrinogen and **fibronectin** , a **factor** VIII-rich supernatant can be recovered which contains greater than 500 units of VIII:C...

...at a purity of 1.5 U/mg protein. Adjusted to 50 mM glycine and **pH** 6.8, the product can be lyophilized and heat-treated at 60 degrees C/72...

...9 U/mg. When adjusted to 50 mM glycine and 1-2% (w/v) sucrose (**pH** 6.8), lyophilized and heat treated at 60 degrees C, 68 degrees C or 80...

... v) sucrose even after the severe heat-treatment at 80 degrees C. In addition, the **von Willebrand factor** multimers are similar in size and triplet pattern to those observed in routine cryoprecipitate preparations.
Descriptors: ***Factor** VIII--isolation and **purification** --IP; * **von Willebrand Factor** --isolation and **purification** --IP; Cold; Freeze Drying; Heat; Heparin; Humans; Macromolecular Substances; Plasma--analysis --AN; Plasma--drug effects--DE; **Precipitation** ; Solubility; Water --analysis--AN
Chemical Name: Macromolecular Substances; **von Willebrand Factor** ; Water; **Factor** VIII; Heparin

8/6,K/3 (Item 3 from file: 155)
DIALOG(R)File 155:(c) format only 2008 Dialog. All rts. reserv.

08057133 PMID: 2495039
Some characteristics of aggregates of IgG and plasma proteins in heat-treated factor **VIII concentrates.**
Mar 1989

Some characteristics of aggregates of IgG and plasma proteins in

heat-treated factor **VIII concentrates.**
Eight batches of commercial heat-treated and one untreated **factor** VIII concentrate from 6 producers were analyzed for their content of IgG, IgG subclasses, IgG...

... for anticomplement activity. Methods used were thin-layer gel filtration, immuno-gel filtration, spot immuno- **precipitate** assay in a double antibody version and an agarose plate haemolysis inhibition assay of complement...

... compared to normal serum and intravenous immunoglobulin, one to four of the following plasma proteins; **fibronectin** , fibrinogen, **von Willebrand factor** antigen, Clq, albumin and IgA. Three batches from two producers had high anticomplementary activity, presumably...
Descriptors: *Blood Proteins--isolation and **purification** --IP; * **Factor** VIII--analysis--AN; *Heat; *Immunoglobulin G--isolation and **purification** --IP...; Thin Layer; Complement System Proteins--immunology--IM; Humans; Immunoglobulin G--classification--CL; Immunoglobulin G--physiology-- **PH** ; Macromolecular Substances; Precipitin Tests
Chemical Name: Blood Proteins; Immunoglobulin G; Macromolecular Substances; **Factor** VIII; Complement System Proteins

8/6,K/4 (Item 1 from file: 357)

0411605 DBR Accession No.: 2006-25101
Recombinant production of proteins comprises subjecting a suspension of the cells to a non-physiologically increased concentration of at least one ionic substance, e.g. amino acid, prior to harvest of protein - recombinant protein production via plasmid expression in cell culture for disease therapy 2006

...ABSTRACT: FX, Fa, FIX, FIXa, FVII, FVIIa, FVIII, FVIIIa, FXI, FXIa, FXII, FXIIa, FXIII and FXIIIa, **von** Willebrand factor , transport proteins including albumin, transferrin, ceruloplasmin, haptoglobin, hemoglobin and hemopexin, protease inhibitors including beta-antithrombin, alpha-antithrombin, alpha2-macroglobulin, C1-inhibit or, tissue is **factor** pathway inhibitor (TFPI), heparin cofactor II, protein C inhibitor (PAI-3), Protein C and Protein...

... reactive protein and other proteins including histidine-rich glycoprotein, mannan binding lectin, C4-binding protein, **fibronectin** , GC-globulin, plasminogen, blood factors such as erythropoietin, Interferon, tumor factors, tPA, gCSF, or their derivatives and muteins, more preferably the plasma protein is a human **factor** VIII or a human FIX protein or its mutein, even more preferably is a B-domain deleted **factor** VIII protein, most preferably is the **factor** VIII mutein having a sequence comprising 1459 amino acids (SEQ ID NOS: 4 or 6...

... of non-ionic detergents. The release composition further comprises a buffering substance to stabilize the **pH** , preferably the buffering substance is selected from Goods buffer substances, including HEPES, MES, TRIS, etc. The **pH** of the cell suspension when subjected to the increased concentration of the at least one...

... magnetic fields and ultra filtration. The isolation of the protein from

the medium and its **purification** is effected by using at least one technique selected from immuno-affinity chromatography, affinity chromatography, protein **precipitation** , buffer exchanges, ionic exchange chromatography, hydrophobic interaction chromatography, mixed mode hydrophobic/ion exchange chromatography media...

... chromatography, carbohydrate affinity like lectin or heparin affinity chromatography, size-exclusion chromatography, electrophoresis, dialysis, different **precipitation** agents such as polyethylene glycol, ammonium sulphate, ethanol, hydroxy apatite adsorption, filter membrane adsorption, ligands coupled to magnetic particles etc. The carrier used for the chromatography **purification** , is selected from resins, particles, beads, membranes, hollow fiber or similar. The isolation of the...

... ultra filtration. The method is performed under sterile conditions, where the medium and/or the **purified** protein is subjected to a virus inactivation and/or removal step, and/or where the...

... of the micro filtration system. Preferred Pharmaceutical Composition: The pharmaceutical composition comprises a blood coagulation **factor** , preferably a FVIII or FIX protein and is for treatment of hemophiliacs. ACTIVITY - Hemostatic. No...

DESCRIPTORS: recombinant fibrinogen protein, prothrombin, **Factor** -X, **Factor** -IX, **Factor** -VII, **Factor** -VIII, **Factor** -XI, **Factor** -XII, **Factor** -XIII, **von Willebrand factor** , transport protein prep., vector-mediated gene transfer expression in host cell, immortalized mammal cell continuous...

? t s8/9,k/2

8/9,K/2 (Item 2 from file: 155)

08600770 PMID: 2119525

Development of a heat-treated factor **VIII/** von Willebrand factor **concentrate prepared from heparinized plasma.**

Palmer D S; Ganz P R; Perkins H; Rosborough D; Rock G
Ottawa Centre, Canadian Red Cross, Blood Transfusion Service, Ontario.

Thrombosis and haemostasis (GERMANY, WEST) Jun 28 1990, 63 (3) p392-402, ISSN 0340-6245--Print Journal Code: 7608063
Publishing Model Print
Document type: Journal Article; Research Support, Non-U.S. Gov't
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
Subfile: INDEX MEDICUS

A high yield, intermediate purity **factor** VIII concentrate derived from heparinized plasma has been developed which can be heat-treated at 60 degrees C, 68 degrees C or 80 degrees C/72 h to permit inactivation of viral contaminants which may be present. After cold reprecipitation of the heparinized cryoprecipitate (CRC), the resolubilized CRC **precipitate**0 was adjusted to 25-30 mg/ml protein and **pH** 6.35 +/- 0.1 and incubated for 1 h at 8 degrees C. After centrifugation to remove the **precipitated** fibrinogen and **fibronectin** , a **factor** VIII-rich supernatant can be recovered which contains greater than 500 units of VIII:C per liter of starting plasma (Method I product) at a purity of 1.5 U/mg protein.

Adjusted to 50 mM glycine and **pH** 6.8, the product can be lyophilized and heat-treated at 60 degrees C/72 h without a significant loss of VIII:C activity. However, at 68 degrees C or 80 degrees C/72 h, temperatures now reported to be more effective in viral inactivation, the recoveries were reduced to 68 and 33% respectively. Significantly improved recoveries after heat-treatment (HT) at 68 degrees C or 80 degrees C/72 h were achieved if the 8 degrees C supernatant product was prepared by a modified procedure (Method II). This further reduces the fibrinogen content of the product while maintaining VIII:C yields greater than 500 U/l at a purity of 1.9 U/mg. When adjusted to 50 mM glycine and 1-2% (w/v) sucrose (**pH** 6.8), lyophilized and heat treated at 60 degrees C, 68 degrees C or 80 degrees C/72 h, the VIII:C recoveries of Method II product were 88-100%, 79-84% and 80-83% of pre-HT levels respectively. The yield of VIII:C was greater than 400 U/l at a purity of 1.6-1.4 U/mg at 1-2% (w/v) sucrose even after the severe heat-treatment at 80 degrees C. In addition, the **von Willebrand factor** multimers are similar in size and triplet pattern to those observed in routine cryoprecipitate preparations.

Descriptors: ***Factor** VIII--isolation and **purification** --IP; * **von Willebrand Factor** --isolation and **purification** --IP; Cold; Freeze Drying; Heat; Heparin; Humans; Macromolecular Substances; Plasma--analysis --AN; Plasma--drug effects--DE; **Precipitation** ; Solubility; Water --analysis--AN

CAS Registry No.: 0 (Macromolecular Substances); 0 (von Willebrand Factor); 7732-18-5 (Water); 9001-27-8 (Factor VIII); 9005-49-6 (Heparin)

Record Date Created: 19901019

Record Date Completed: 19901019

Development of a heat-treated factor **VIII/** von Willebrand factor **concentrate prepared from heparinized plasma.**

A high yield, intermediate purity **factor** VIII concentrate derived from heparinized plasma has been developed which can be heat-treated at...

... which may be present. After cold reprecipitation of the heparinized cryoprecipitate (CRC), the resolubilized CRC **precipitate** was adjusted to 25-30 mg/ml protein and **pH** 6.35 +/- 0.1 and incubated for 1 h at 8 degrees C. After centrifugation to remove the **precipitated** fibrinogen and **fibronectin** , a **factor** VIII-rich supernatant can be recovered which contains greater than 500 units of VIII:C...

...at a purity of 1.5 U/mg protein. Adjusted to 50 mM glycine and **pH** 6.8, the product can be lyophilized and heat-treated at 60 degrees C/72...
...9 U/mg. When adjusted to 50 mM glycine and 1-2% (w/v) sucrose (**pH** 6.8), lyophilized and heat treated at 60 degrees C, 68 degrees C or 80...

... v) sucrose even after the severe heat-treatment at 80 degrees C. In addition, the **von Willebrand factor** multimers are similar in size and triplet pattern to those observed in routine cryoprecipitate preparations.

Descriptors: ***Factor** VIII--isolation and **purification** --IP; * **von Willebrand Factor** --isolation and **purification** --IP; Cold; Freeze Drying; Heat; Heparin; Humans; Macromolecular Substances; Plasma--analysis --AN; Plasma--drug effects--DE; **Precipitation** ; Solubility; Water --analysis--AN

Chemical Name: Macromolecular Substances; **von Willebrand Factor** ; Water; **Factor** VIII; Heparin

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23jan08 11:05:20 User276653 Session D136.2

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        $7.84    1.306 DialUnits File5
           $2.30  1 Type(s) in Format  9
           $0.54  3 Type(s) in Format 95 (KWIC)
        $2.84  4 Types
$10.68  Estimated cost File5
        $0.80    0.130 DialUnits File24
 $0.80  Estimated cost File24
        $0.24    0.039 DialUnits File28
 $0.24  Estimated cost File28
       $17.94    0.674 DialUnits File34
           $0.46  1 Type(s) in Format 95 (KWIC)
        $0.46  1 Types
$18.40  Estimated cost File34
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 $0.29  Estimated cost File35
        $0.26    0.037 DialUnits File40
 $0.26  Estimated cost File40
        $0.37    0.059 DialUnits File41
 $0.37  Estimated cost File41
        $0.68    0.135 DialUnits File45
 $0.68  Estimated cost File45
        $0.73    0.158 DialUnits File50
 $0.73  Estimated cost File50
        $0.19    0.045 DialUnits File65
 $0.19  Estimated cost File65
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 $1.90  Estimated cost File71
       $11.34    0.883 DialUnits File73
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        $0.59    0.104 DialUnits File135
 $0.59  Estimated cost File135
        $0.35    0.056 DialUnits File136
 $0.35  Estimated cost File136
        $0.11    0.037 DialUnits File143
 $0.11  Estimated cost File143
        $2.54    0.513 DialUnits File144
 $2.54  Estimated cost File144
        $3.28    0.965 DialUnits File155
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           $0.45  9 Type(s) in Format 95 (KWIC)
        $0.89  11 Types
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 $0.15  Estimated cost File164
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 $0.38  Estimated cost File185
        $3.14    0.124 DialUnits File357
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     $0.12  Estimated cost File369
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     $0.14  Estimated cost File370
          $0.00    0.054 DialUnits File391
     $0.00  Estimated cost File391
          $2.93    0.110 DialUnits File434
     $2.93  Estimated cost File434
          $0.23    0.037 DialUnits File467
     $0.23  Estimated cost File467
          OneSearch, 29 files,  6.058 DialUnits FileOS
     $2.40  TELNET
    $65.27  Estimated cost this search
    $65.30  Estimated total session cost   6.325 DialUnits

Logoff: level 05.20.01 D  11:05:20

You are now logged off
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